Amendments to the Specification:

Please amend the specification such that paragraphs 76 and 90 read as follows:

approved for entry 12/29/2006 MC

[0076] FIG. 10 shows the basic components of a LCD based imaging system 1000 in accordance with one version of the first embodiment of the invention. In the drawing, a distant and nearest (hereinafter called near) transmissive display screens 1004 and 1006 (which may be transmissive liquid crystal displays) are separated by a gap in which, optionally, a spatial mask ~~1005~~ **1105** can be placed. This mask may be pure phase (e.g., lenticular or random screen), amplitude or complex transparency, including another transmisive display. The screens are controlled by a computing device 1001, such as a personal computer, a video controller, or other suitable digital processing device. As will be discussed in detail below, the display system depicted relies on the calculation of images by the computing device 1001 that are then displayed on the distant and near screens 1004 and 1006 to produced perceived stereo images in the viewer eyes. A suitable illumination source 1002 is also shown, which is also controlled by computing device 1001.

[0090] Each of these left and right eye signals is summed 1338 to create a value for the right eye 1342 and the left eye 1340. These signals are then compared in a compare operation 1348 to the relevant parts of the image of each aspect and to the relevant areas of the image of the object aspects 1344 and 1346. **An adjustment 1350 can then be made as necessary to effect a change (ΔW_{ij}) to weights applied to the screens (and mask, if present) as described further below.**